

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

VALERY M. DUBIN

Application No.:

Filed: June 25, 2003

For: **METHODS OF FABRICATING A  
COMPOSITE CARBON NANOTUBE  
THERMAL INTERFACE DEVICE**

Art Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted concurrently with the Utility Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

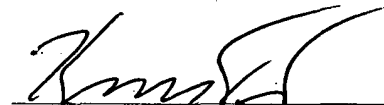
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: June 25, 2003



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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application Number	
Sheet 2 of 2				Filing Date	June 25, 2003
				First Named Inventor	Valery M. Dubin
				Art Unit	
				Examiner Name	
				Attorney Docket Number	42P16623

OTHER ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	18	DUBIN, ET AL., "PACKAGING OF INTEGRATED CIRCUITS WITH CARBON NANO-TUBE ARRAYS TO ENHANCE HEAT DISSIPATION THROUGH A THERMAL INTERFACE", Application no: 10/357,927, Filed: 2/3/03, 28 Pgs.		
	19	LI, ET AL., "HIGHLY-ORDERED CARBON NANOTUBE ARRAYS FOR ELECTRONICS APPLICATIONS", Applied Physics Letters, Volume 75, No. 3, July 19, 1999, Pgs. 367-369.		
	20	WEI, ET AL., "ORGANIZED ASSEMBLY OF CARBON NANOTUBES", Nature, Vol. 416, April 4, 2002, Macmillan Magazines Ltd., Pgs. 495-496.		
	21	PAPADOPOULOS, ET AL., "ELECTRONIC TRANSPORT IN Y-JUNCTION CARBON NANOTUBES", Physical Review Letters, Vol. 85, No. 16, October 16, 2000, The American Physical Society, Pgs. 3476-3479		
	22	LI, ET AL., "GROWING Y-JUNCTION CARBON NANOTUBES", Nature, Vol. 402, November 18, 1999, Macmillan Magazines Ltd., Pgs. 253-254.		
	23	LIU, ET AL., "FULLERENE PIPES", Science, Vol. 280, May 22, 1998, Pgs. 1253-1256.		
	24	AVOURIS, ET AL., "CARBON NANOTUBE ELECTRONICS", Abstract No. 52, Philadelphia meeting abstracts Vol. 2002-1, 201st Meeting of The Electrochemical Society, Philadelphia, PA, May 2002, 3 Pgs.		
	25	ZHANG, ET AL., "SUBSTRATE-SITE SELECTIVE GROWTH OF ALIGNED CARBON NANOTUBES", Applied Physics Letters, Vol. 77, No. 23, December 4, 2000, American Institute of Physics, Pgs. 3764-3766.		
	26	BOWER, ET AL., "PLASMA-INDUCED ALIGNMENT OF CARBON NANOTUBES", Applied Physics Letters, Vol. 77, No. 6, August 7, 2000, American Institute of Physics, Pgs. 830-832.		
	27	FAN, ET AL., "SELF-ORIENTED REGULAR ARRAYS OF CARBON NANOTUBES AND THEIR FIELD EMISSION PROPERTIES", Science, Vol. 283, January 22, 1999, Pgs. 512-514.		

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (05-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 05/02/2003.  
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